

Energy Data Management Resources

As Better Buildings partners continue to pursue energy efficiency improvements at their facilities, many face challenges with managing the vast amount of data provided by their energy management information systems. The resources included below can assist partners in analyzing data and using it to support further advances in energy efficiency in their buildings.

Type of Resource	Description
Learn about Energy Management Information Systems (EMIS)	The U.S. DOE posted an <u>EMIS: Crash Course</u> presentation outlining the basic energy savings potential, costs, and benefits of different types of EMI systems.
	More information is available from the DOE Smart Energy Analytics Campaign in the <u>Technical FAQ</u> and <u>Top Resources</u> .
	Join the <u>Smart Energy Analytics Campaign (SEA)</u> to access DOE technical experts and gain recognition for progress.
Select, finance, and procure EMIS	Review reported EMIS costs and energy savings in the EIS Business Case provided by the DOE.
	Identify projected savings for your business by using <u>EMIS audit and planning</u> <u>resources</u> developed by Natural Resources Canada.
	► Browse a <u>list of EMIS products and services</u> compiled by the DOE.
	Use the detailed Request for Proposal (RFP) template and evaluation suggestions in the DOE's <u>EMIS Specification and Procurement Support Materials</u> to find and select an EMIS product that will deliver value to your business.
	▶ Use DOE resources to <u>explore financing mechanisms</u> and search for <u>utility incentives</u> .
Ensure that EMIS implementation achieves savings	 Benchmark your energy management strategies against <u>RILA's Energy Management</u> <u>Leadership Model</u>.
	Develop staff energy management expertise using the Pacific Northwest National Laboratory's <u>Building Re-tuning Interactive Web-Based Training</u> .
	Review the most recent <u>reporting</u> from the SEA Campaign participants on EMIS use, energy savings and costs.
Case Studies	Lawrence Berkeley National Laboratory (LBNL) conducted a <u>case study</u> covering the benefits and challenges of implementing EMIS experienced by Sysco and Wal-Mart.
	 Stanford University Residence and Dining Services were recognized with an award in the Smart Energy Analytics Campaign for their installation and use of an Energy Information System as described in this <u>Success Story</u>
	The California Energy Commission published a <u>case study</u> highlighting the demand curtailment capabilities and energy cost savings that Albertsons achieved by implementing EMIS.



Other Resource Guides	 Consult targeted planning and implementation guidance on <u>EMIS for Food Service Applications</u> and <u>EMIS in Your Building Portfolio</u> provided by the DOE. Explore the DOE's <u>Synthesis of EMIS Resources</u>, a summarized list of 40 additional resources covering all aspects of EMIS implementation best practices.
Explore Proven Solutions from RFSG Partners	 Review presentations from Whole Foods and the <u>Better Buildings Alliance</u> regarding effective implementations of EMIS. Learn about <u>Sprint's successful implementation</u> of Fault Detection and Diagnostics EMIS to achieve over \$400,000 in annual energy and maintenance cost savings at their headquarters campus. Consult <u>lessons learned from Starbucks'</u> piloting and scale-up of EMIS, which allowed the company quickly capture utility savings and standardize enhanced customer experiences.

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